

**CHAPTER 8**  
**REINFORCEMENT**

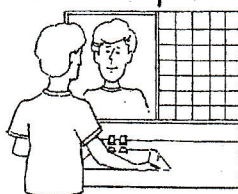
BLM 8-5

# Different Mirror Surfaces

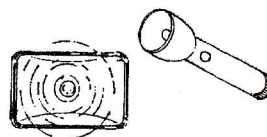
**Goal** • Complete this activity to show your understanding of the kinds of mirrors used for different purposes.

## What to Do

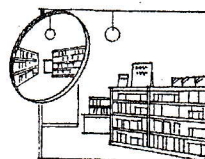
- Identify the type of mirror (plane, convex, concave) used in each situation below. Place your answer in the spaces provided beside the titles.

**Bathroom Wall Mirror** plane


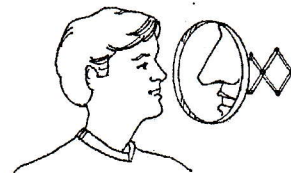
Purpose: To show your exact appearance.

**Car Headlights, Flashlights** concave


Purpose: To project a strong beam forward.

**Store Surveillance Mirror** convex


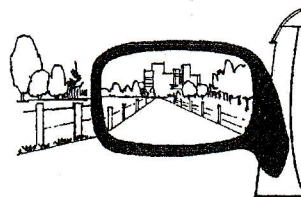
Purpose: To show a wide view.

**Cosmetics Mirror** concave


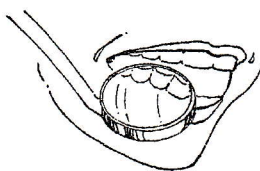
Purpose: To show a magnified view of parts of your face.

**One-Way Mirror** plane

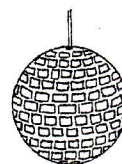

Purpose: To see into a brightly lit room.  
Looks like a mirror to the people being observed.

**Car Passenger-Side Mirror** convex


Purpose: To show a wide-angle view behind and beside the car.

**Dental Mirror** concave


Purpose: To make visible and magnify the tooth.

**Reflecting Ball at a Dance** plane


Purpose: To project portions of a light hitting it in many different directions.